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THE UNITED STATES PATENT AND TRADEMARK OFFICE

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PLATED GRINDING TOOL

Serial No.

09/646,745

Filing Date:

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Examiner:

Dung V. Nguyen

Group Art Unit: 3723

International Application No. PCT/EP99/01934

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HEREBY CERTIFY THAT THE CORRESPONDENCE IS
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INFORMATION DISCLOSURE STATEMENT

Assistant Commission of Patents Washington, DC 20231

Sir:

Pursuant to the requirements of 37 CFR §§1.56 and 1.97-98, Applicants submit this Information Disclosure Statement which includes copies of the references cited therein.

German Patent No. 195 11 004 discloses a fan-type grinding wheel for use on angle machines, however, the supporting plate is made of wooden chips on scrap embedded in a resinous binder of hardened phenolic and melumini resins forming a wooden reinforced plastic material. While this material may provide for cost effective manufacturing, the supporting plate would become a waste material after consumption of the grinding wheel, which may be relatively difficult or costly to recycle or dispose of.

German Patent No. 25 01 589 discloses a flap-type grinding tool which is associated with relatively high production expense and which has a short service life in relation to the total material use, thus resulting in a relatively high proportion of waste from its use.

German Utility Model No. 85 23 363 discloses that an abrasive belt with a flap-shaped configuration can be tensioned on a hollow cylinder having the dimensions of a steel belt coil to eliminate formation of pressure marks.

DE-GM Utility Model No. 1 986 971 discloses an embodiment for securing abrasive flaps of a fan-type grinder to a shaft by screwing.

German Patent Application No. 40 07 928 A1 is related to European Patent Application No. 0446 626 A1. Both disclose grinding sleeves for peripheral grinding which can be clamped onto a reusable abrasive belt body. Such a commercially available abrasive belt body is described in the 93/94 tool catalog of Hch. Perschmann GmbH, Braunschwieg.

German Utility Model No. 89 03 423 discloses an abrasive flap disc for use with angle grinders in which a number of abrasive flaps are arranged on a disc-shaped carrier on both end faces.

The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b) provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311 or an Action that otherwise closes prosecution in the application, and accompanied by the fee set forth in 37 CFR 1.17(p).

Respectfully submitted, 12/21/01

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